ABSTRACT OF THE DISCLOSURE

A method generates optimized traffic movement plans. A plan monitor determines a first planning boundary for traffic based upon traffic conditions of a region. A plan generator employs the first planning boundary and repetitively

5   generates first traffic movement plans for the traffic. The plan generator selects one of the first traffic movement plans as a first optimized traffic movement plan, and outputs the same for controlling traffic movement. The plan monitor determines current traffic conditions of the region for a planning window, and updates the first planning boundary to provide a second planning boundary for the traffic based upon

10   the current traffic conditions. The plan generator employs the second planning boundary and repetitively generates second traffic movement plans for the traffic, selects one of the first and second traffic movement plans as a second optimized traffic movement plan, and outputs the same for controlling traffic movement.